GENERAL ELECTRIC COMPANY

PRINCIPAL OFFICE
SCHENECTADY, N. Y.

Rec. 10/IV/97
Ans. 12/IV/97

March 29, 1897.

Mr. A. H. Moore,

c/o Union Electricitats Gesellschaft,

32 Hollmannstrasse,

Berlin, Germany.

Dear Friend:-

Enclosed I send you general specification of the A.T. 48-250-125-3300, the direct connected threephaser you requested in your letter of March 4th.

The general type and construction of this machine is identical with that of the 500 KW machine youare building at present, except that it has one slot per pole and phase, that is the same winding as the 750 KW 60 cycle alternator from which your 500 KW machine is a modification.

Under these circumstances I do not think any sketch or further design will be necessary, but believe that with the data contained on attached specification , and on the same general lines as the 500 KW machine under construction, you can lay out the present machine.

I have just received notification of shipment of a sample lot of sheet iron from you and shall have it tested as soon as it arrives here.

I have discussed with Mr. A. L. Rohrer the question of educating a young engineer for you as technical adviser on alternating work, and am still of the same opinion

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as before, that this would be the most desirable arrangement for your Company, and I have specially in view for this position Mr. Zani, who is the best of the young engineers available at present for us. He knows Italian, English, French, and German, although necessarily he has not sufficient practice to speak German fluently, but could undoubtedly learn that in a short time. I consider him specially suited for theproposed position, have discussed the matter with him and he is willing to accept the position, provided satisfactory arrangements regarding salary could be made. I believe that it would be by far the best for your Company if you would be willing to pay a salary sufficiently high to correspond with the relatively important position intended, themore as during my trip through Europe I have fully satisfied myself that the backward condition of the electrical industries, especially in the alternating branch, is largely due to the small salaries which these European Companies are willing to pay their engineers, and which makes it impossible for the engineers to feel themselves as permanently identified with the Company, but rather obliges them to consider their position as temporary only, and to look around for a better position with some other concern. Obviously no first class work can be done under these circumstances, and I believe that neither your Company nor Mr. Zani would be satisfied with such an arrangement but that it would be in the interest of both to have whatever arrangement is made at present, as

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permanent and lasting. Thus the higher salary your Company is willing to pay the better I believe it would be all around. Mr. Rohrer told me that he had written to you to find out what salary you are willing to pay and we are waiting at present for your letter.

Calculation and design of the other alternators and of induction motors are being made at present and I shall send them to you as soon as possible, but I should advise that you have a formal request for them forwarded through the Foreign office, that is send about the same as what we wrote down during my presnce in Berlin regarding sizes, speeds, and voltages of alternating apparatus, to our Foreign office.

Hoping to hear from you soon, I am, with very best regards to you and all our mutual friends in Berlin,

Yours very truly,

CPS/EJH

Ch P Steinmetz.

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